FIG. 1(A)

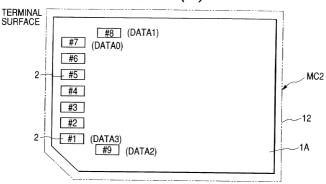


FIG. 1(B)

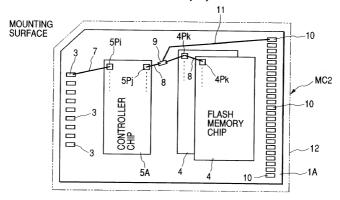


FIG. 2(A)

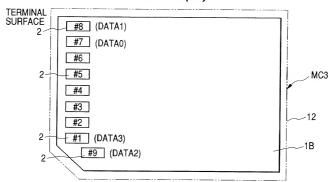


FIG. 2(B)

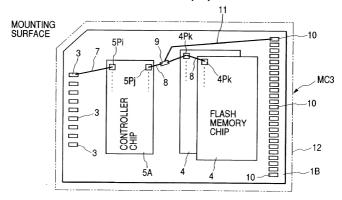


FIG. 3(A)

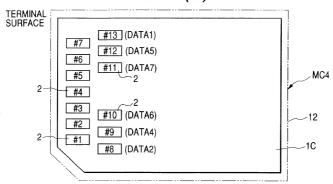


FIG. 3(B)

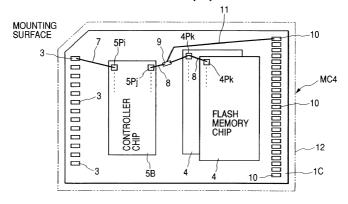


FIG. 4(A)

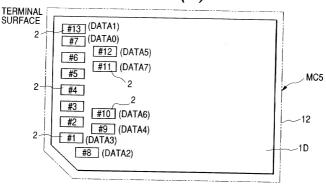


FIG. 4(B)

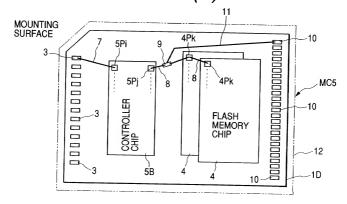


FIG. 5(A)

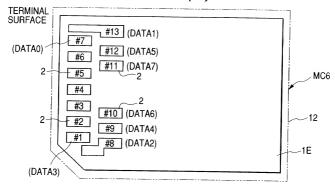


FIG. 5(B)

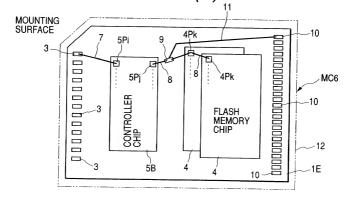
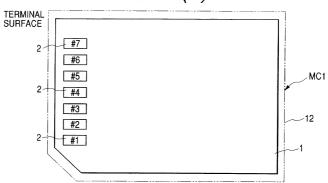


FIG. 6(A)



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FIG. 7

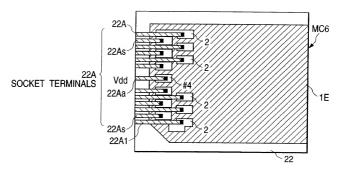


FIG. 8

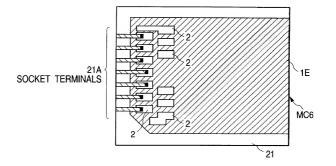


FIG. 9

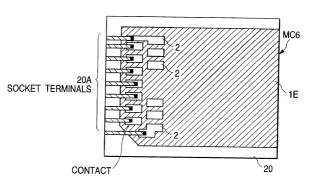


FIG. 10

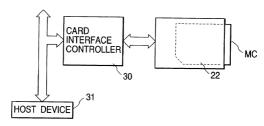


FIG. 11(A)

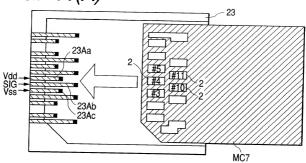


FIG. 11(B)

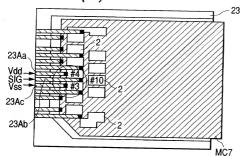


FIG. 11(C)

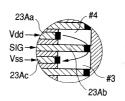


FIG. 12

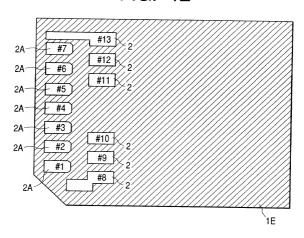


FIG. 13

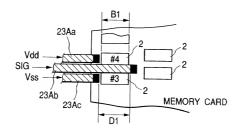
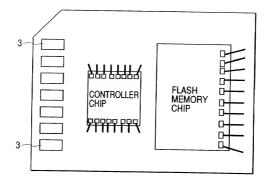


FIG. 14



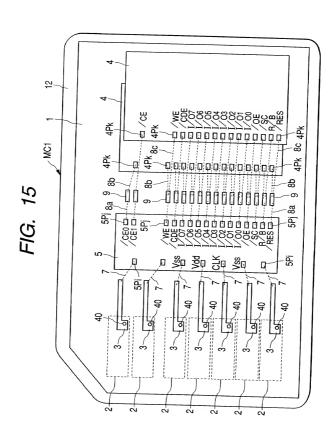
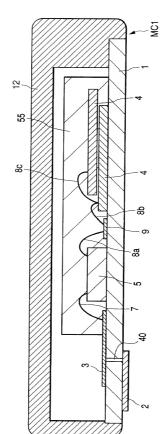
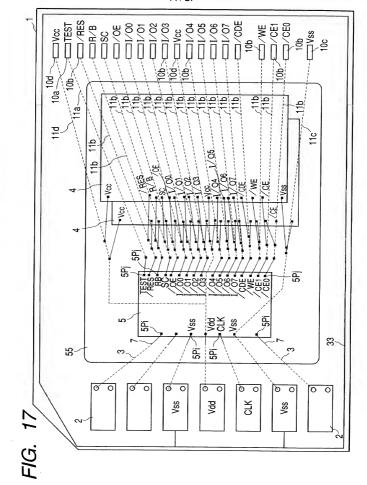
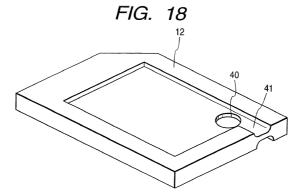


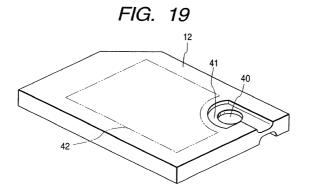
FIG. 16





DEPENDER DISTOL







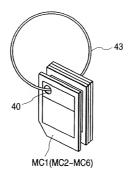
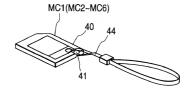


FIG. 21



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Declaration and Power of Attorney For Patent Application

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日本語宣言書	
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私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。	My residence, post office address and citizenship are as stated next to my name.
下配の名称の発明に関して請求範囲に記載され、特許出版している発明内容について、私が最初かつ唯一の表明者 (下配の氏名が一つの場合) もしくは最初かつ共同発明者であると (下配の名称が複数の場合) 信じています。	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
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上記発明の明細書(下記の欄で×印がついていない場合は、 本書に接付)は、	The specification of which is attached hereto unless the following box is checked:
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私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above
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Prior Foreign Application(s) 外国での先行出願

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(Number)		(Country)	
(番号)		(国名)	
	(Number) (番号)	(Country) (国名)	

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(出願番号)	(出願日)

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(Application No.)	(Filing Date)
(出願番号)	(出願日)
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Priority Not Claimed 優先権主張なし 25/January/2000

25/January/2000	
(Day/Month/Year Filed)	
(出願年月日)	
(Day/Month/Year Filed)	
(出願年月日)	

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)	(Filing Date)
(出願番号)	(出願日)

I hereby claim the benefit under Title 35. United States Code, Section 120 of any United States application(s), or 385(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the clamps of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35. United States Code Section 112, I acknowledge the duty to disclose information which is material to patentiability as defined in Title 37. Code of Federal Regulations, Section 1.56 which became available between the filling date of the prior application and the national or PCT international filing date of application.

(Status: Patented, Pending, Abandoned) (現況:特許許可諾、係属中、放棄済) (Status: Patented, Pending, Abandoned) (現況:特許許可諾、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

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唯一または第一発明者		Full name of sole or first inventor Hirotaka NISHIZAWA
発明者の署名	日付	Inventor's signature Date Ifirotaka Vi shizawa 9/November/2000
住所		Residence
		Fuchu, Japan
国籍		Citizenship
		Japan
私書箱		Post Office Address
	c/o Hitachi, Ltd., Intellectual Property Group	
	New Marunouchi Bldg. 5-1, Marunouchi 1-chome,	
		Chiyoda-ku, Tokyo 100-8220, Japan

(第二以降の共同発明者についても同様に記載し、署名をする こと)

(Supply similar information and signature for second and subsequent joint inventors.)

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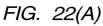
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第二共同発明者		Full name of second joint inventor, if any Haruji ISHIHARA
第二共同発明者の署名	日付	Second inventor's signature Date 20/ november /200
		Harvie Ishihara
住所		Residence
1-00		Kawaguchi, Japan
国籍		Citizenship
Profession		Japan
私書箱		Post Office Address
AN III AH		c/o Hitachi, Ltd., Intellectual Property Group
		New Marunouchi Bldg. 5-1, Marunouchi 1-chome,
A* - 4. 57 W. 18 *		Chiyoda-ku, Tokyo 100-8220, Japan
第三共同発明者		Full name of third joint inventor, if any
		Atsushi SHIRAISHI
第三共同発明者の署名	日付	Third inventor's signature Date
		Atsushi thiraishi 17/hovember/2000
住所		Residence
		Kodaira, Japan
国籍		Citizenship
		Japan
私書箱		Post Office Address
		c/o Hitachi ULSI Systems Co., Ltd
		22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8522
		Japan
第四共同発明者		Full name of fourth joint inventor, if any
		Kouichi KANEMOTO
第四共同発明者の署名	日付	Fourth inventor's signature Date , / /
		Kouichi Kanomoto 17/hovember/20
住所		Residence
		Koganei, Japan
国籍		Citizenship
		Japan
私書箱		Post Office Address
		c/o Hitachi, Ltd., Intellectual Property Group
		New Marunouchi Bldg. 5-1, Marunouchi 1-chome,
		Chiyoda-ku, Tokyo 100-8220, Japan
第五共同発明者		Full name of fifth joint inventor, if any
		Yousuke YUKAWA
第五共同発明者の署名	目付	Fifth inventor's signature Date
		Youwhe Whown 17/November 1200
住所		Residence
univer.		Kokubunji, Japan
国籍		Crizenship
		Japan
私書箱		Post Office Address
仏會相		
		c/o Hitachi, Ltd , Intellectual Property Group
		New Marunouchi Bldg. 5-1, Marunouchi 1-chome,
		Chiyoda-ku, Tokyo 100-8220, Japan

(第六以降の共同発明者についても同様に記載し、署名をする こと) (Supply similar information and signature for sixth and subsequent joint inventors.)



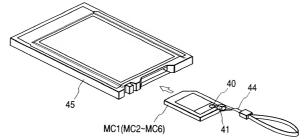


FIG. 22(B)

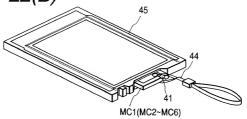


FIG. 22(C)

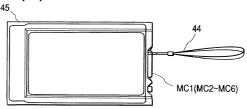


FIG. 23

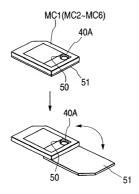
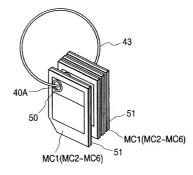
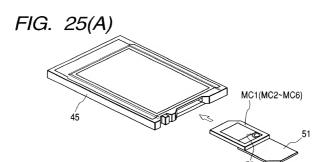
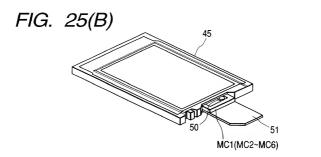


FIG. 24







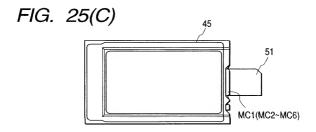


FIG. 26(B)

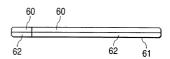


FIG. 26(C)

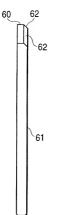


FIG. 26(A)

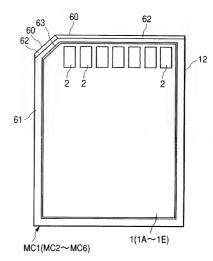


FIG. 27(B)

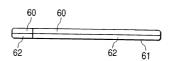


FIG. 27(C)

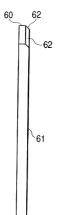
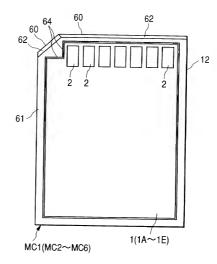
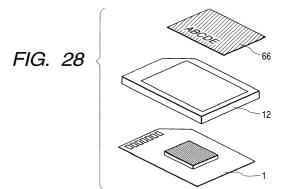


FIG. 27(A)





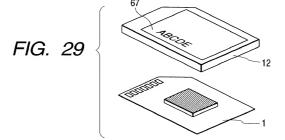


FIG. 30

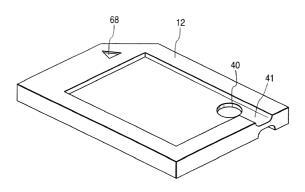


FIG. 31(A)

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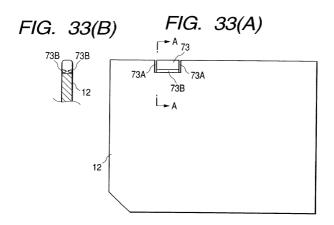
12

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FIG. 32(A) FIG. 32(B) 70 12 12 12



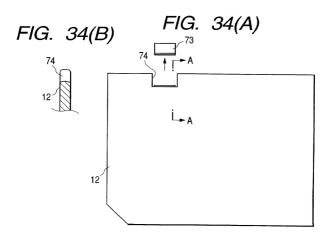


FIG. 35

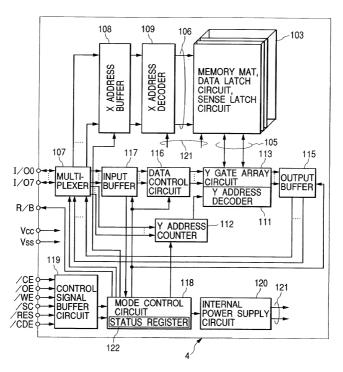


FIG. 36

